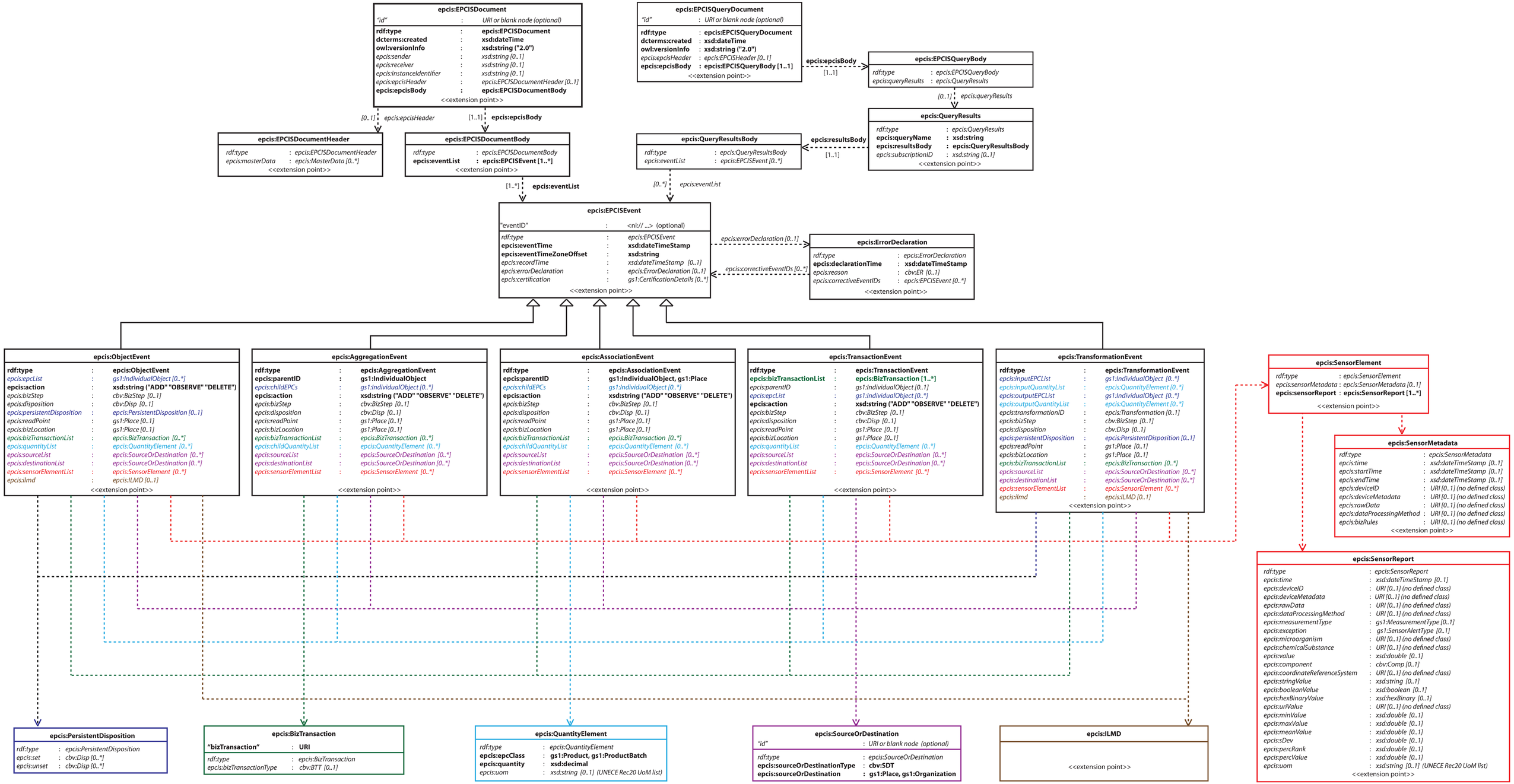
epcis:EPCISDocument
"id" : URI or blank node (optional)
rdf:type : epcis:EPCISDocument
dcterms:created : xsd:dateTime
owl:versionInfo : xsd:string ("2.0")
epcis:sender : xsd:string [0..1]
epcis:receiver : xsd:string [0..1]
epcis:instanceIdentifier : xsd:string [0..1]
epcis:epcisHeader : epcis:EPCISDocumentHeader [0..1]
epcis:epcisBody : epcis:EPCISDocumentBody
<<extension point>>
epcis:EPCISQueryDocument
"id" : URI or blank node (optional)
rdf:type : epcis:EPCISQueryDocument
dcterms:created : xsd:dateTime
owl:versionInfo : xsd:string ("2.0")
epcis:epcisHeader : epcis:EPCISHeader [0..1]
epcis:epcisBody : epcis:EPCISQueryBody [1..1]
<<extension point>>
epcis:epcisBody
[1..1]
epcis:EPCISQueryBody
rdf:type : epcis:EPCISQueryBody
epcis:queryResults : epcis:QueryResults
[0..1] epcis:queryResults
epcis:QueryResults
rdf:type : epcis:QueryResults
epcis:queryName : xsd:string
epcis:resultsBody : epcis:QueryResultsBody
epcis:subscriptionID : xsd:string [0..1]
<<extension point>>
epcis:resultsBody
[1..1]
epcis:QueryResultsBody
rdf:type : epcis:QueryResultsBody
epcis:eventList : epcis:EPCISEvent [0..*]
[0..1] epcis:epcisHeader
[1..1] epcis:epcisBody
epcis:EPCISDocumentHeader
rdf:type : epcis:EPCISDocumentHeader
epcis:masterData : epcis:MasterData [0..*]
<<extension point>>
epcis:EPCISDocumentBody
rdf:type : epcis:EPCISDocumentBody
epcis:eventList : epcis:EPCISEvent [1..*]
<<extension point>>
[1..*] epcis:eventList
[0..*] epcis:eventList
epcis:EPCISEvent
"eventID" : <ni:// ...> (optional)
rdf:type : epcis:EPCISEvent
epcis:eventTime : xsd:dateTimeStamp
epcis:eventTimeZoneOffset : xsd:string
epcis:recordTime : xsd:dateTimeStamp [0..1]
epcis:errorDeclaration : epcis:ErrorDeclaration [0..1]
epcis:certification : gs1:CertificationDetails [0..*]
<<extension point>>
epcis:errorDeclaration [0..1]
epcis:correctiveEventIDs [0..*]
epcis:ErrorDeclaration
rdf:type : epcis:ErrorDeclaration
epcis:declarationTime : xsd:dateTimeStamp
epcis:reason : cbv:ER [0..1]
epcis:correctiveEventIDs : epcis:EPCISEvent [0..*]
<<extension point>>
epcis:ObjectEvent
rdf:type : epcis:ObjectEvent
epcis:epcList : gs1:IndividualObject [0..*]
epcis:action : xsd:string ("ADD" "OBSERVE" "DELETE")
epcis:bizStep : cbv:BizStep [0..1]
epcis:disposition : cbv:Disp [0..1]
epcis:persistentDisposition : epcis:PersistentDisposition [0..1]
epcis:readPoint : gs1:Place [0..1]
epcis:bizLocation : gs1:Place [0..1]
epcis:bizTransactionList : epcis:BizTransaction [0..*]
epcis:quantityList : epcis:QuantityElement [0..*]
epcis:sourceList : epcis:SourceOrDestination [0..*]
epcis:destinationList : epcis:SourceOrDestination [0..*]
epcis:sensorElementList : epcis:SensorElement [0..*]
epcis:ilmd : epcis:ILMD [0..1]
<<extension point>>
epcis:AggregationEvent
rdf:type : epcis:AggregationEvent
epcis:parentID : gs1:IndividualObject
epcis:childEPCs : gs1:IndividualObject [0..*]
epcis:action : xsd:string ("ADD" "OBSERVE" "DELETE")
epcis:bizStep : cbv:BizStep [0..1]
epcis:disposition : cbv:Disp [0..1]
epcis:readPoint : gs1:Place [0..1]
epcis:bizLocation : gs1:Place [0..1]
epcis:bizTransactionList : epcis:BizTransaction [0..*]
epcis:childQuantityList : epcis:QuantityElement [0..*]
epcis:sourceList : epcis:SourceOrDestination [0..*]
epcis:destinationList : epcis:SourceOrDestination [0..*]
epcis:sensorElementList : epcis:SensorElement [0..*]
<<extension point>>
epcis:AssociationEvent
rdf:type : epcis:AssociationEvent
epcis:parentID : gs1:IndividualObject, gs1:Place
epcis:childEPCs : gs1:IndividualObject [0..*]
epcis:action : xsd:string ("ADD" "OBSERVE" "DELETE")
epcis:bizStep : cbv:BizStep [0..1]
epcis:disposition : cbv:Disp [0..1]
epcis:readPoint : gs1:Place [0..1]
epcis:bizLocation : gs1:Place [0..1]
epcis:bizTransactionList : epcis:BizTransaction [0..*]
epcis:childQuantityList : epcis:QuantityElement [0..*]
epcis:sourceList : epcis:SourceOrDestination [0..*]
epcis:destinationList : epcis:SourceOrDestination [0..*]
epcis:sensorElementList : epcis:SensorElement [0..*]
<<extension point>>
epcis:TransactionEvent
rdf:type : epcis:TransactionEvent
epcis:bizTransactionList : epcis:BizTransaction [1..*]
epcis:parentID : gs1:IndividualObject [0..1]
epcis:epcList : gs1:IndividualObject [0..*]
epcis:action : xsd:string ("ADD" "OBSERVE" "DELETE")
epcis:bizStep : cbv:BizStep [0..1]
epcis:disposition : cbv:Disp [0..1]
epcis:readPoint : gs1:Place [0..1]
epcis:bizLocation : gs1:Place [0..1]
epcis:quantityList : epcis:QuantityElement [0..*]
epcis:sourceList : epcis:SourceOrDestination [0..*]
epcis:destinationList : epcis:SourceOrDestination [0..*]
epcis:sensorElementList : epcis:SensorElement [0..*]
<<extension point>>
epcis:TransformationEvent
rdf:type : epcis:TransformationEvent
epcis:inputEPCList : gs1:IndividualObject [0..*]
epcis:inputQuantityList : epcis:QuantityElement [0..*]
epcis:outputEPCList : gs1:IndividualObject [0..*]
epcis:outputQuantityList : epcis:QuantityElement [0..*]
epcis:transformationID : epcis:Transformation [0..1]
epcis:bizStep : cbv:BizStep [0..1]
epcis:disposition : cbv:Disp [0..1]
epcis:persistentDisposition : epcis:PersistentDisposition [0..1]
epcis:readPoint : gs1:Place [0..1]
epcis:bizLocation : gs1:Place [0..1]
epcis:bizTransactionList : epcis:BizTransaction [0..*]
epcis:sourceList : epcis:SourceOrDestination [0..*]
epcis:destinationList : epcis:SourceOrDestination [0..*]
epcis:sensorElementList : epcis:SensorElement [0..*]
epcis:ilmd : epcis:ILMD [0..1]
<<extension point>>
epcis:SensorElement
rdf:type : epcis:SensorElement
epcis:sensorMetadata : epcis:SensorMetadata [0..1]
epcis:sensorReport : epcis:SensorReport [1..*]
<<extension point>>
epcis:SensorMetadata
rdf:type : epcis:SensorMetadata
epcis:time : xsd:dateTimeStamp [0..1]
epcis:startTime : xsd:dateTimeStamp [0..1]
epcis:endTime : xsd:dateTimeStamp [0..1]
epcis:deviceID : URI [0..1] (no defined class)
epcis:deviceMetadata : URI [0..1] (no defined class)
epcis:rawData : URI [0..1] (no defined class)
epcis:dataProcessingMethod : URI [0..1] (no defined class)
epcis:bizRules : URI [0..1] (no defined class)
<<extension point>>
epcis:SensorReport
rdf:type : epcis:SensorReport
epcis:time : xsd:dateTimeStamp [0..1]
epcis:deviceID : URI [0..1] (no defined class)
epcis:deviceMetadata : URI [0..1] (no defined class)
epcis:rawData : URI [0..1] (no defined class)
epcis:dataProcessingMethod : URI [0..1] (no defined class)
epcis:measurementType : gs1:MeasurementType [0..1]
epcis:exception : gs1:SensorAlertType [0..1]
epcis:microorganism : URI [0..1] (no defined class)
epcis:chemicalSubstance : URI [0..1] (no defined class)
epcis:value : xsd:double [0..1]
epcis:component : cbv:Comp [0..1]
epcis:coordinateReferenceSystem : URI [0..1] (no defined class)
epcis:stringValue : xsd:string [0..1]
epcis:booleanValue : xsd:boolean [0..1]
epcis:hexBinaryValue : xsd:hexBinary [0..1]
epcis:uriValue : URI [0..1] (no defined class)
epcis:minValue : xsd:double [0..1]
epcis:maxValue : xsd:double [0..1]
epcis:meanValue : xsd:double [0..1]
epcis:sDev : xsd:double [0..1]
epcis:percRank : xsd:double [0..1]
epcis:percValue : xsd:double [0..1]
epcis:uom : xsd:string [0..1] (UNECE Rec20 UoM list)
<<extension point>>
epcis:PersistentDisposition
rdf:type : epcis:PersistentDisposition
epcis:set : cbv:Disp [0..*]
epcis:unset : cbv:Disp [0..*]
epcis:BizTransaction
"bizTransaction" : URI
rdf:type : epcis:BizTransaction
epcis:bizTransactionType : cbv:BTT [0..1]
epcis:QuantityElement
rdf:type : epcis:QuantityElement
epcis:epcClass : gs1:Product, gs1:ProductBatch
epcis:quantity : xsd:decimal
epcis:uom : xsd:string [0..1] (UNECE Rec20 UoM list)
epcis:SourceOrDestination
"id" : URI or blank node (optional)
rdf:type : epcis:SourceOrDestination
epcis:sourceOrDestinationType : cbv:SDT
epcis:sourceOrDestination : gs1:Place, gs1:Organization
epcis:ILMD
<<extension point>>